



Glenn Research Center



Overview

NASA Microgravity Combustion Program

Removing gravity permits more fundamental studies by:

- (1) Eliminating flows associated with buoyancy
- (2) Eliminating settling and stratification
- (3) Permitting one-dimensional studies
- (4) Permitting model testing with gravity as an additional variable
- (5) Permitting studies at expanded spatial scales, yielding better diagnostic resolution

